FIG. 1

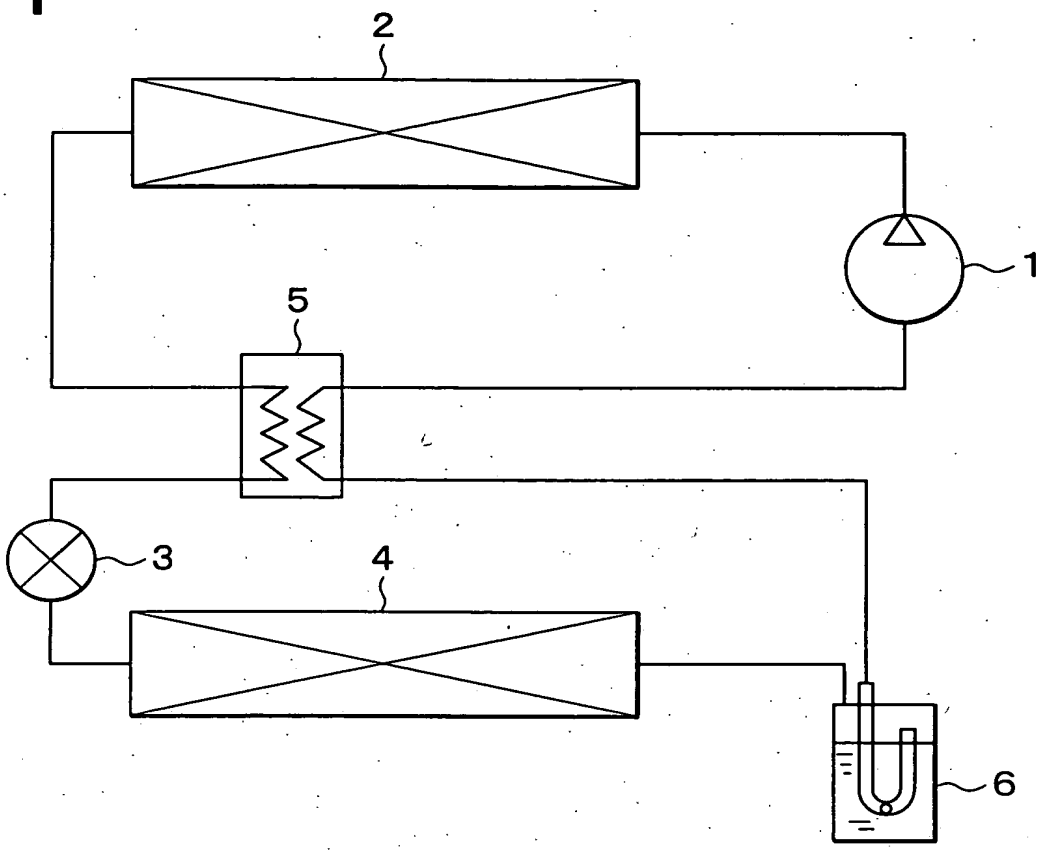


FIG. 2

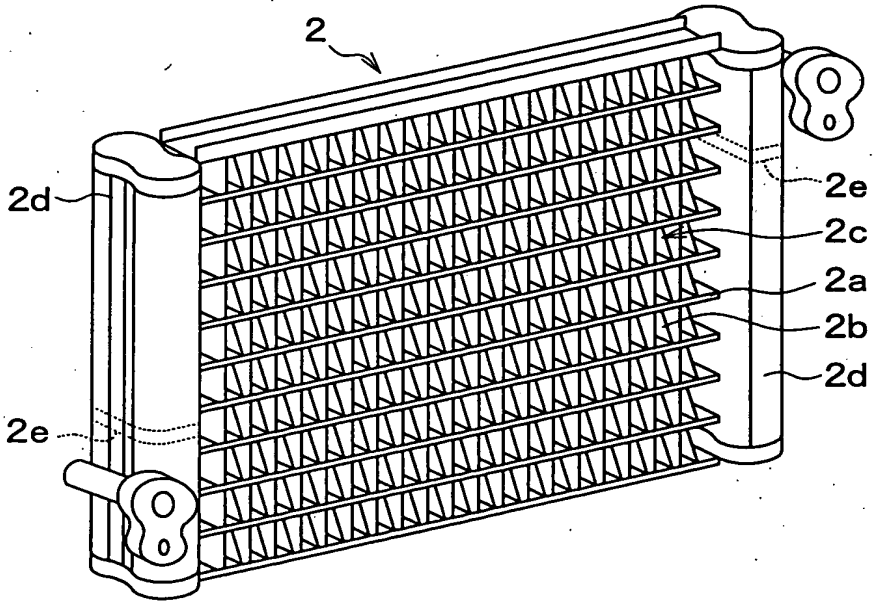


FIG. 3

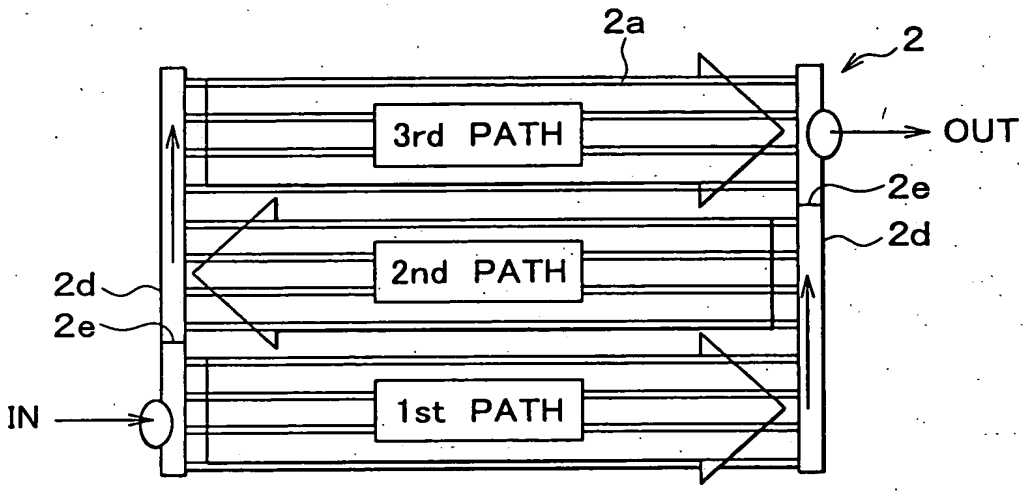

2a
2
3rd PATH
OUT
2e
2d
2nd PATH
2d
2e
IN
1st PATH

FIG. 4

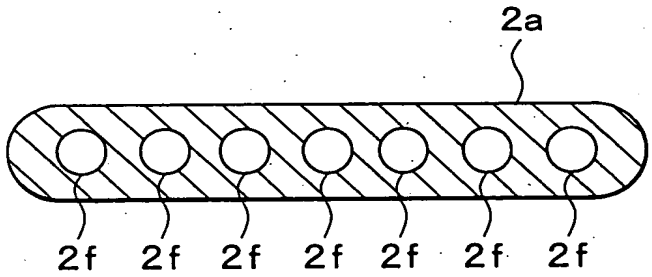

2a
2f
2f
2f
2f
2f
2f
2f

FIG. 5

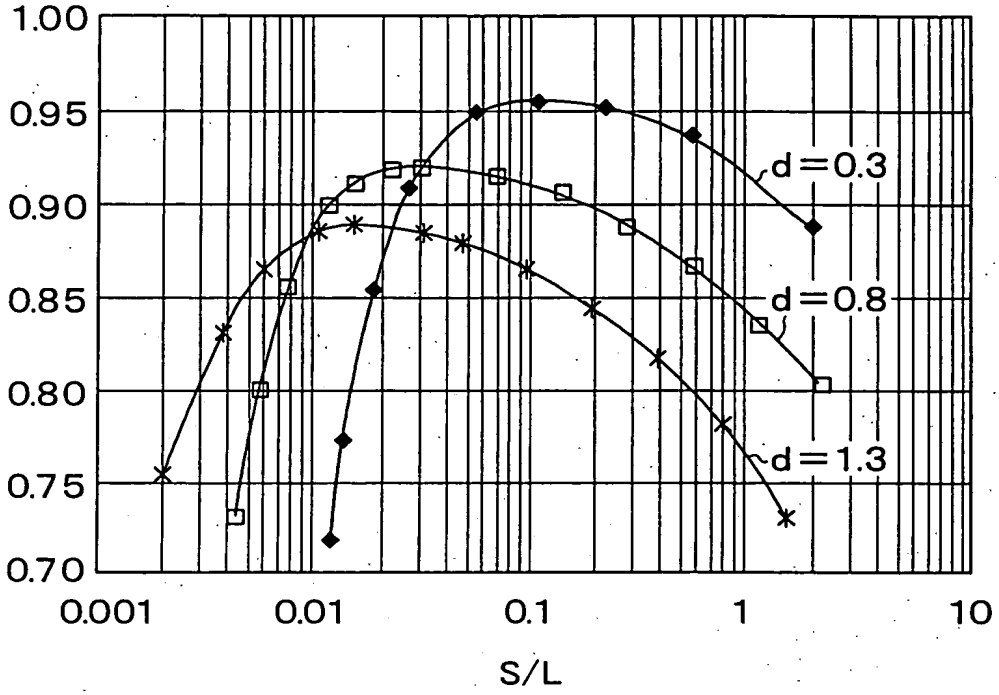

1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.001
0.01
0.1
1
10
S/L
d=0.3
d=0.8
d=1.3

FIG. 6

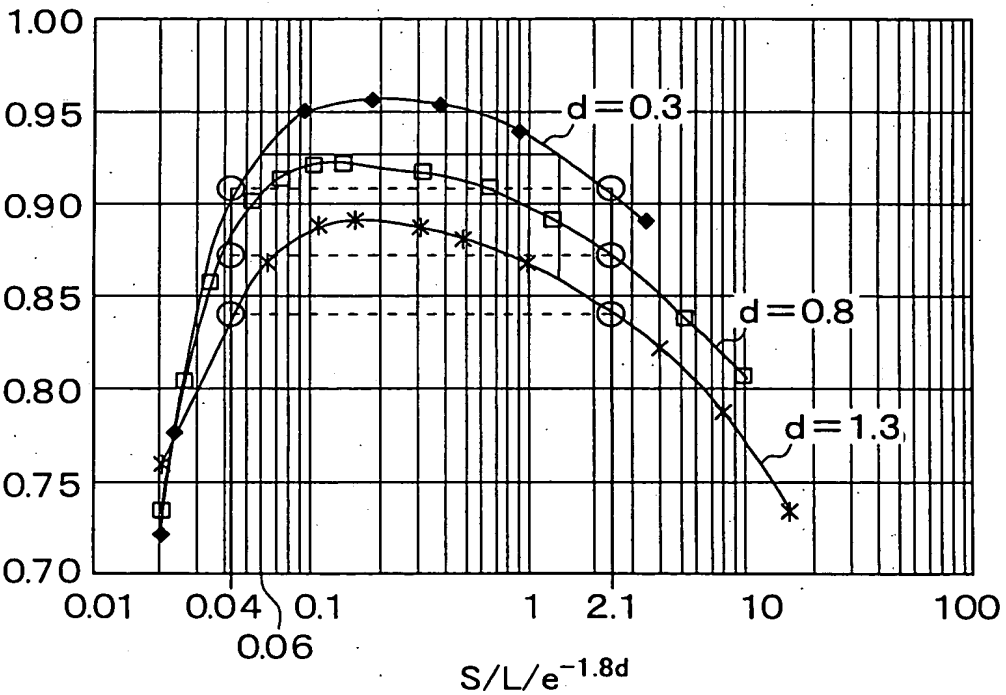

1.00
0.95
0.90
0.85
0.80
0.75
0.70
0.01
0.04
0.06
0.1
1
2.1
10
100
S/L/e^-1.8d
d=0.3
d=0.8
d=1.3

FIG. 7

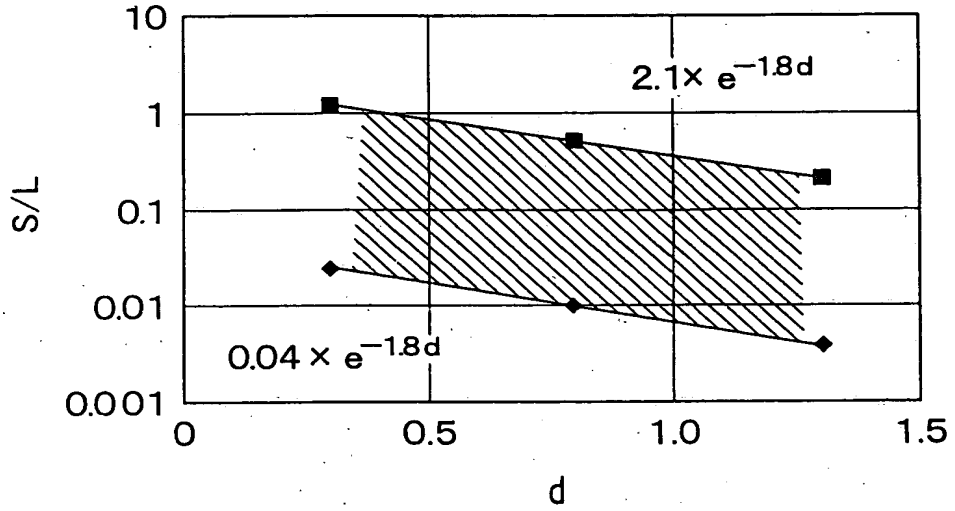


FIG. 8A

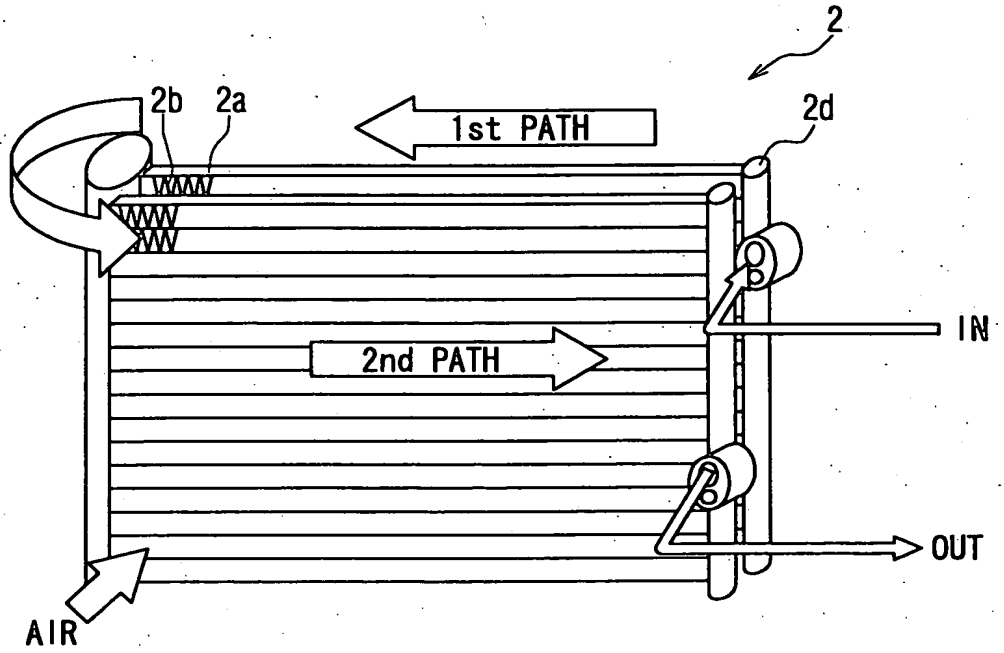
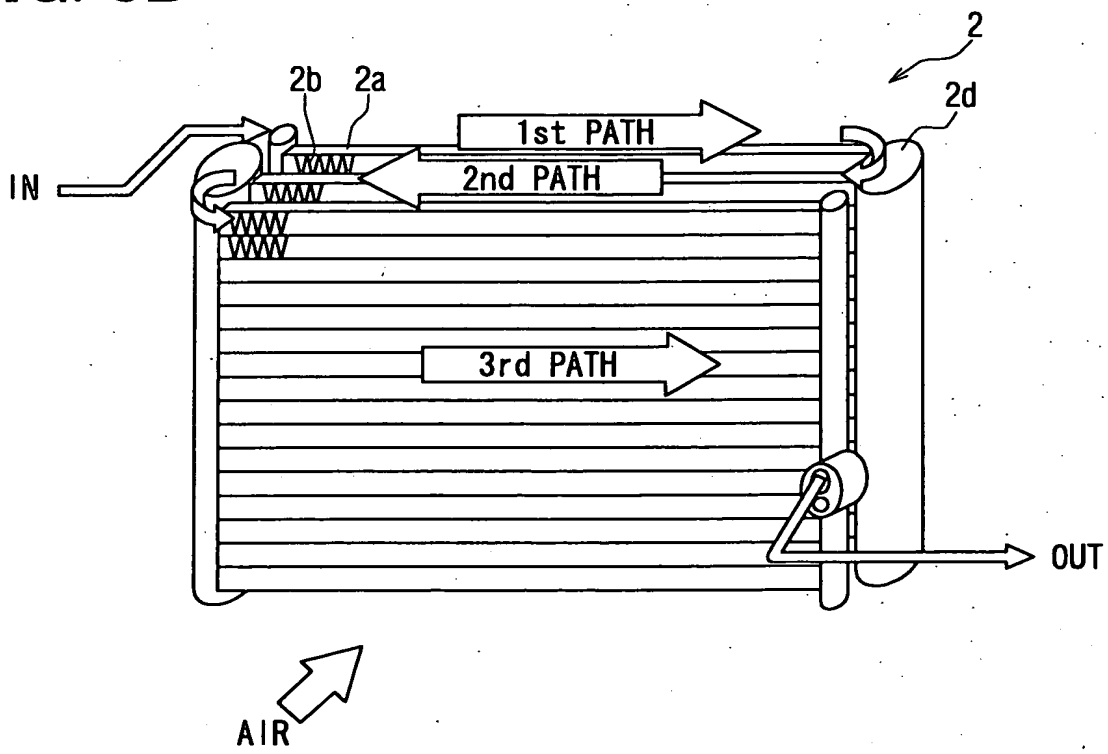

2
2b
2a
1st PATH
2d
IN
2nd PATH
OUT
AIR

FIG. 8B


2
2b
2a
2d
1st PATH
IN
2nd PATH
3rd PATH
OUT
AIR